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CENTRAL INTELLIGENCE AGENCY
SECURITY INFORMATION
INFORMATION REPORT

REPORT

25X1

CD NO.

COUNTRY East Germany

DATE DISTR. 3 August 1953

SUBJECT Werk fuer Fernmeldewesen HF (OSW)
Tube Production

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(LISTED BELOW)

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DATE OF INFO.

SUPPLEMENT TO
REPORT NO.

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On 12 May 1953 a meeting was held at Funkwerk Leipzig

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2. [redacted] the "priority tube list" (Roehrenvorzugsliste) of the HF plant includes the following types:

- a. Receiver tubes and receiver rectifier tubes .
- b. Transmitter tubes and transmitter rectifier tubes .
- c. Special tubes .

3. the following; special tubes are under development (not counting those which were developed earlier):

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- a. Impulse amplifier tube 5 D 21, with impulse power of about 250 kW. Development suffers from material difficulties.
- b. High tension rectifier tube AG 1006, with inverse voltage of 25 kV.

25 YEAR
RE-REVIEW

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- c. Impulse magnetron 730, with effective output of 20 kW, wave length 3.2 centimeter ^{1/}.
- d. Reflection klystron 723 A/B, with effective power of about 10 mW, wave length 3.2 cm.
- e. Reflection klystron 726 A, with effective power of 15 mW, wave length 10 cm ^{2/}.

^{1/} Comment. A similar magnetron was used in the construction of a ship-borne radar installation at Funkwerk Koepenick. 25X1

^{2/} Comment. Development of these reflection klystrons has not yet started. 25X1

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